

Converting Colors

Hex(50C1E6)

Have a look what the booklet for
Hex(50C1E6) contains.

Hex(50C1E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50C1E6)

Conversions

Conversions Part 1

Format	Color
Hex	50C1E6
RGB	80, 193, 230
RGB Percent	31%, 76%, 90%
CMY	0.6863, 0.2431, 0.0980
CMYK	0.65, 0.16, 0.00, 0.10
HSL	195°, 75%, 61%
HSV	195°, 65%, 90%
XYZ	36.6612, 45.5586, 81.7243
YIQ	163.4310, -79.2250, -12.4490

Conversions

Conversions Part 2

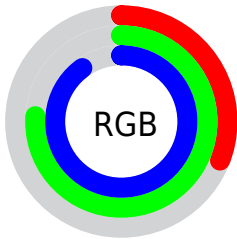
Format	Color
R _{YB}	80, 144, 230
Decimal	5292518
CIE Lab	73.26, -20.77, -27.86
CIE LCh	73, 34.753, 233.301
Yxy	45.5586, 0.2236, 0.2779
Android (android.graphics.Color)	4283482598 (0xFF50C1E6)
YUV	163.4310, 32.8185, -73.1690
Hunter-Lab	67.4971, -21.1673, -24.5394

Details

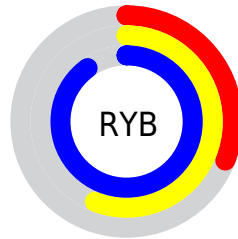
The Hex color **50C1E6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E67550**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **90FAFF**, and **008BAE** is the 20% darker color. If you saturate the color by 10%, you get **39BBE6**, and if you desaturate by 10%, it is **67C7E6**.

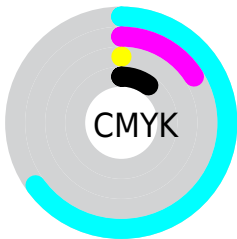
Distribution



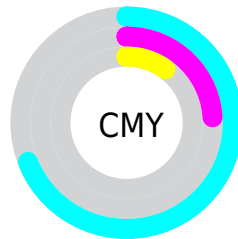
- Red (31%)
- Green (76%)
- Blue (90%)



- Red (31%)
- Yellow (56%)
- Blue (90%)



- Cyan (65%)
- Magenta (16%)
- Yellow (0%)
- Black (10%)



- Cyan (69%)
- Magenta (24%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50C1E6 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 50C1E6 by changing the saturation by 10% instead.

 50C1E6

 50C1E6

FFFFFF

 28A6CA

 90FAFF

 008BAE

 AEFFFF

 007294

 CCFFFF

 00597A

 EBFFFF

 004161

 002B49

 001632

 00021D

 000000

■ 50C1E6

■ 50C1E6

■ 39BBE6

■ 67C7E6

■ 22B6E6

■ 7ECCE6

■ 0BB0E6

■ 95D2E6

■ 00ADE6

■ ACD8E6

■ C3DDE6

■ DAE3E6

■ F1E9E6

■ FFEEE6

■ FFF4E6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47C5CC



50C1E6



7DB9F3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50C1E6



ED9CBC



B0BA79

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50C1E6



E67550

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D0AF75



50C1E6



F39D9C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50C1E6



D5A3DA



E8A582



8BC18D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50C1E6



9EB2F2



E8A582



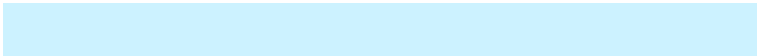
BBB675

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50C1E6



CCF2FF



50E673



617880



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50C1E6



38CEFF



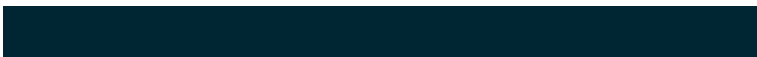
5078E6



677073



0086B3



002633

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E650C1



FF38CE



E6BE50



736770



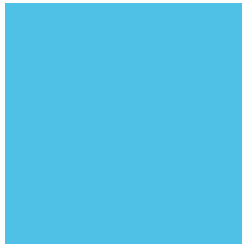
B30086



330026

Previews

White Background



This preview shows how the Hex color 50C1E6 looks on a white background.

Color Contrast Check

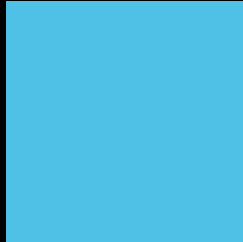
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 50C1E6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 50C1E6 Background



This preview shows how black text looks on a background with the Hex color 50C1E6.

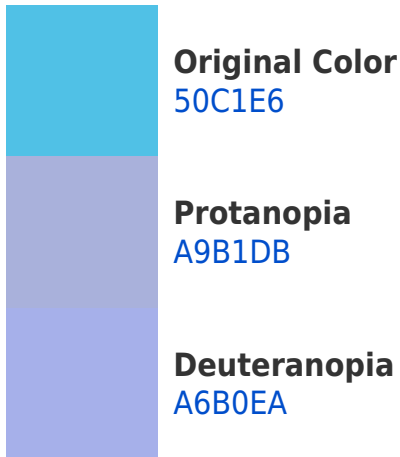


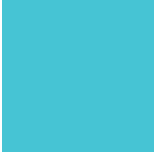
This preview shows how white text looks on a background with the Hex color 50C1E6.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



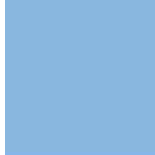


Tritanopia
46C4D4

Trichromacy



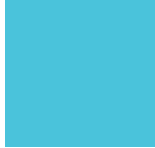
Original Color
50C1E6



Protanomaly
89B7DF



Deuteranomaly
87B6E9

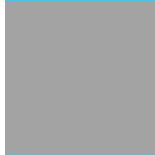


Tritanomaly
4AC3DB

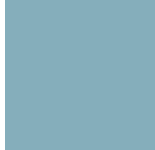
Monochromacy



Original Color
50C1E6



Achromatopsia
A3A3A3



Achromatomaly
85AEBB

CSS Examples

Text

The CSS property to change the color of the text to Hex 50C1E6 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #50C1E6 looks like.

```
.text, #text, p{  
    color:#50C1E6  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #50C1E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50C1E6
}
```

Border

The CSS property to change the border of an element to Hex 50C1E6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50C1E6 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#50C1E6 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #50C1E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50C1E6; -webkit-box-shadow:4px 4px  
4px 4px #50C1E6; box-shadow:4px 4px 4px  
4px #50C1E6 }
```

Background

The CSS property to change the background color of an element to Hex 50C1E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50C1E6 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#50C1E6 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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